

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted during the academic year 2007 – 08 & thereafter)

SUBJECT CODE: SW/RC/RM105
M.PHIL. DEGREE EXAMINATION, JANUARY 2011
SOCIAL WORK
FIRST SEMESTER

COURSE : CORE
PAPER : RESEARCH METHODOLOGY
TIME : 3 HOURS **MAX. MARKS: 100**

SECTION – A

ANSWER ANY THREE QUESTIONS. EACH ANSWER NOT TO EXCEED 1200 WORDS. (3 X 20 = 60)

1. Comment on the importance of research in Generalist social work practice. Give appropriate examples.
2. Explain the types of hypothesis with examples and describe the process of hypothesis formulation.
3. Describe the various types of probability sampling methods and explain how you would determine the sample size for a study.
4. How would you establish the reliability and validity of a scale?
5. Explain briefly how qualitative and quantitative data can be analysed and presented in a mixed method study.

SECTION – B

ANSWER ANY TWO QUESTIONS. EACH ANSWER NOT TO EXCEED 1200 WORDS. (2 X 20 = 40)

6. Mention the purpose of each descriptive and inferential statistical procedure and indicate the levels of measurement (nominal, ordinal and interval) for which each procedure is applied.
7. 1000 families were selected in random in a city to test the belief that high income families usually send their children to public schools and the low income families often send their children to government schools. The following results were obtained.

Income	School		Total
	Public	Government	
Low	370	430	800
High	130	70	200
Total	500	500	1000

Apply Chi-square and determine whether income and type of schooling are dependent (associated with each other). For df 1, the X² table value at 0.05 level is 3.84.

8. Explain the uses of correlation and state the conditions under which it can be used. Find the Pearson's correlation between these two sets of marks and interpret the findings.

Mark 1	3	1	5	3	7
Mark 2	4	6	7	8	9
